

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 1, line 13, with the following rewritten paragraph:

2. Description of the Prior [[Arts]] Art

Please replace the paragraph beginning at page 2, line 16, with the following rewritten paragraph:

As prior [[arts]] art related to an apparatus for counting the rotation frequency of a numeral wheel of a meter using a light sensing method, there are Korean Patent Registration No. 10-0287540 entitled “Apparatus for generating signal of usage amount of meter by light sensing”, Korean Patent Application Laid-open No. 2000-0066245 entitled “Apparatus for counting rotation frequency of numeral wheel of meter”, and Korean Utility Model Registration No. 20-0273026 entitled “Apparatus for counting rotation frequency of numeral wheel of meter”. In constructing an apparatus for counting the rotation frequency of a numeral wheel of a meter in a light sensing method, forming a light sensor by means of an infrared ray emitter and an infrared ray sensor is the most practical and competitive way, considering requirements such as economic efficiency, stability of operations, the life span, and low power consumption.